



Mid Term Exam

Computer Programming

Time Allowed: 1 Hrs.
CIE, BME Students.
Total Marks: 30
2018 – 2019



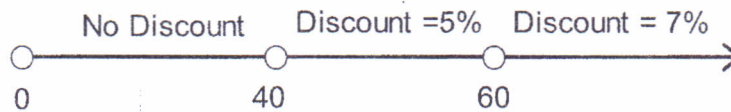
Choose Three Questions of the following:

يسمح باستخدام القلم الرصاص (شرط وضوح الخط).

اختر ثلاثة أسئلة من الأسئلة التالية.

- (1) Write a program for a simple calculator that performs the basic arithmetic operations (+, -, *, /) **using Select case**. The user is not allowed to enter wrong operation symbol or divide by zero. (10 marks)

- (2) A company produces different types of clothes. **Write a program to Enter** the number of meters and the meter price, then **calculate** the required money that should be paid based on the following figure.



(10 marks)

- (3) **Write a program** to enter the worker type, work hours, and absence days, then calculate his net salary using the following table. (The user is not allowed to enter wrong type). (10 marks)

Type	Hour Price	Tax	Over	Money per absence day
1	10\$	2%	100 \$	10\$
2,3	15\$	5%	150 \$	10\$
4	25\$	7%	200 \$	20\$
5	30\$	10%	250 \$	25\$

- (4) **Calculate** the final price of a TV according its type (colored or not) and size after applying a discount and adding a transportation cost **تكاليف النقل** as shown in the next table. (10 marks)

Type	Size	Discount	Transportation cost
1	20>size	3%	10 \$
	20≤size<30	5%	15 \$
	30≤size	7%	20 \$
2	20>size	10%	22 \$
	20≤size<30	12%	25 \$
	30≤size	15%	40 \$

----- End of Questions -----

With Best Wishes

Prof. Dr: Ahmed Saleh

Plz, send feedback about the exam to:

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